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(71) Applicant and  
(72) Inventor: BACON, David, W. [US/US]; 463 Cardinal  
Drive, Paige, TX 78659-4905 (US).

(74) Agent: BUSHMAN, C., James; Browning Bushman PC,  
5718 Westheimer, Suite 1800, Houston, TX 77057 (US).

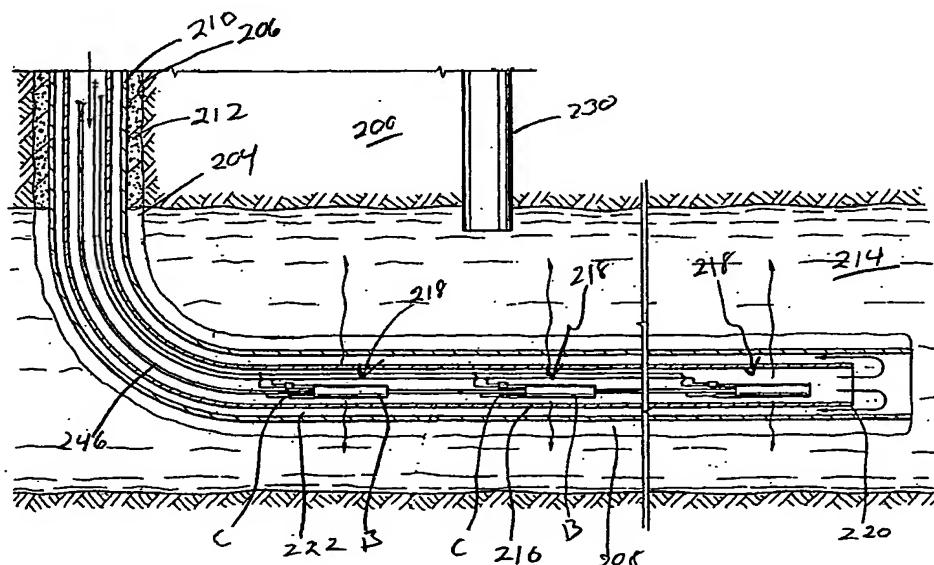
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**(54) Title: APPARATUS FOR IGNITING COMBUSTIBLE MEDIUMS**



(57) **Abstract:** An apparatus for initiating ignition of a combustible material, the apparatus including an igniter assembly having a support, a catalytic material carried by the support, the catalytic material comprising a substance which reacts with a hydrogen-containing gas in the presence of an oxidizing gas to produce an exothermic reaction and a temperature sufficient to cause auto ignition of the hydrogen containing gas, a source of hydrogen-containing gas and a source of oxidizing gas.

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